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AN - 1979-81886B [45]

A - [001] 011 04- 074 081 23- 431 47& 477 688

CPY - KOBM

DC - A32 M11

FS - CPI

IC - C25D11/04 ; C25D13/20

KS - 0231 0486 2420 2439 2728

MC - A11-B05A A12-B04B M11-E M11-G

PA - (KOBM) KOBE STEEL LTD

PN - JP54032425B B 19791015 DW197945 000pp

- JP50126531 A 19751004 DW197945 000pp

PR - JP19740033658 19740326

XIC - C25D-011/04 ; C25D-013/20

AB - J79032425 An Al alloy is anodically oxidised, immersed in aq. soln. contg. NH3 or amine at 40-60 degrees C and pH 8-12, treated to form a boehmite layer, and electrodeposited.

- In an example, an Al-Mg 0.65--Si 0.4 alloy is etched in NaOH, oxidised in 15% aq. H2SO4 at 3A/dm2 for 1 min. immersed in an aq. soln. contg. ethylenediamine at pH 11 and 50 degrees C for 10 mins., treated in water at 90 degrees C for 15 mins. electrodeposited with an acrylic resin (10% solids) at pH 9, 30 degrees C and 90 V for 3 mins., and baked at 200 degrees C for 20 mins.

AW - POLYACRYLIC RESIN

AKW - POLYACRYLIC RESIN

IW - ALUMINIUM ALLOY ELECTRODEPOSIT ANODE OXIDATION ALLOY IMMERSE AMMONIA AMINE SOLUTION FORMING BOEHMITE LAYER ELECTRODEPOSIT

IKW - ALUMINIUM ALLOY ELECTRODEPOSIT ANODE OXIDATION ALLOY IMMERSE AMMONIA AMINE SOLUTION FORMING BOEHMITE LAYER ELECTRODEPOSIT

NC - 001

OPD - 1974-03-26

ORD - 1975-10-04

PAW - (KOBM) KOBE STEEL LTD

TI - Aluminium alloy electrodeposition - by anodically oxidising alloy, immersing in ammonia or amine soln., forming boehmite layer and electrodepositing